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Summary of Progress and Status of Production

25X1A5a1

I. Major Project reports

A. Geodesy report

A collection of papers on basic topics concerning the Soviet status and capabilities on higher geodesy.

25X1A5a1 Status: About 3/4 completed

25X1A5a1 Requires: [redacted] to prepare introduction and conclusions; editing by [redacted] and retyping.

B. Photogrammetry report

25X1A9a Status: Report of evaluation of methods and procedures is being prepared by [redacted] based on a dozen reports and abstracts from Soviet sources. He will spend about 3 days early in September conferring with [redacted] to integrate the several parts into a unified paper.

25X1A5a1 Requires: Final draft on organization, and on status of work of Soviet photogrammetry, to be prepared by [redacted] 25X1A5a1

C. Cartography

Status: Selected translations and abstracts being analyzed by [redacted] 25X1A5a1

Requires: Appraisal of achievements and organization of report.

D. Instrumentation Paper

Status: Report nearly completed.

Requires: Revision suggested from the CIA review, final editing and typing, or about ten days of work.

E. Organization of Geodesy and Cartography

Status: Manuscript partially drafted

25X1A5a1 Requires: Completion from remaining abstract and translations of selected articles. [redacted] will complete the paper. [redacted] will have to assist in: One final assembly and editing of the paper. 25X1A5a1

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F. Soviet Education in Geodesy

Status: The paper was submitted, but a review indicated insufficient emphasis on the quality and quantity of textbooks, and an appraisal of the qualitative and quantitative aspects of Soviet geodetic training.

25X1A5a1 Requires: The appraisals have been assigned to [REDACTED] 25X1A5a1 [REDACTED] will make several minor changes on general education suggested by SI.

G. Annotated Bibliographies in Geodesy Cartography and Photogrammetry

25X1A5a1 These will be appended in the appropriate papers at the end of the appropriate section or chapters. These will be available for technical level personnel interested in greater detail and will not be treated in the reports themselves except as a part of the intelligence summaries. The one on gravity, considered to be the most important, will have an extended evaluated summary prepared by [REDACTED] and will be issued as a supplement to the first report on "Geodetic Gravimetry in the USSR" issued in 1951.

Status: These are in advanced stages of preparation.

Requires: Final collation, annotation and typing

H. Revision of the provisional report of 1951 entitled "Geodetic Gravimetry in the USSR".

25X1A5a1 [REDACTED] feels strongly about the need to revise the paper on the basis of additional and later data. He, therefore, insists on completing it at the end of the project even though it may require his work after the project's termination.

II. "Part B" technical production

A. Annotated bibliography on cosmic rays, is completed in rough draft except for a foreword to be prepared by [REDACTED] 25X1A5a1

B. Annotated bibliography on Meteorology and Climatology is completed except for a foreword to be prepared by [REDACTED] 25X1A5a1

C. A paper on the Hydrometeorological Service of the USSR has been prepared but requires extensive editing into polished English. The completion of this may be delayed until all other work is done.

D. Annotated bibliography on the Night Sky problem from the aspect of night navigation, ionosphere research, propagation of radio waves, infra-red etc., is essentially completed except for a foreword and final typing. Its completion may be delayed by other priority work until after the termination of the contract. [REDACTED] has promised to complete this on her own time.

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E. Annotated bibliography on transparency and visibility of the atmosphere.

This had been partly annotated by [REDACTED] no possibility exists for the completion of the annotation before the closing of the project. The manuscript, in its present form, is organized and needs typing. 25X1A5a1

III. Miscellaneous Production and Products

A. Technical Glossary of Russian Geodetic, Cartographic, Photogrammetric and Electronic Terms 25X1A5a1

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The glossary, consisting of over 2000 terms, was prepared by [REDACTED] A review of electronic terms was made by [REDACTED] a partial review of photogrammetric terms was made by [REDACTED] and of geodetic terms was by [REDACTED] There appears to be little likelihood of the final review of all terms. Whether it should be issued as a provisional edition or not requires further study and thought.

B. Bibliography Cards

Over 7000 cards have been collected. Four copies of each have been reproduced for CIA Library.

C. Miscellaneous Technical Abstracts

Eighty out of eighty-five have been submitted to CIA Library.

D. Translations

Eighty-seven have been completed. References to these have been given to FDD. The manuscripts are being microfilmed including some that are only in handwritten unedited (for English) form.

E. Cards of Russian scientific and technical institutes, laboratories, universities and technicians.

Seven hundred cards have been assembled and will be turned over to CIA.

F. Biographic cards

7000 cards have been assembled and will be available to Biographics Register.

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Reference Materials of Project
(RD)XG-425 and 1049

1. Bibliography Card File 4X6

Number: about 7,000 entries

Arranged in four subdivisions:

- | | |
|----------------|------------|
| a. Subject | 240 inches |
| b. Author | 340 inches |
| c. Publication | 96 inches |
| d. Area | 96 inches |

Filed in 4 file cases 14 1/2"X28" X 48", eight drawers each

2. Universities Card File 5X8

Number: 700

Arranged in two subdivisions:

- | | |
|-----------------|-----|
| a. Alphabetical | 10" |
| b. Subject | 86" |

Filed in one eight-drawer file case 20"X27"X52". In addition there are over 300 cards (5X8) on Technicians not incorporated into the University file.

3. Institute card file 5X8

Number: 800

Arranged in two subdivisions

- | | |
|-----------------|-----|
| a. Alphabetical | 14" |
| b. Subject | 96" |

Filed in one file case 16"X27"X40"

4. Personnel Card File 4X6

Number: over 7,000

Arranged in three subdivisions:

- | | |
|-------------|------|
| Author | 90" |
| Subject | 220" |
| Publication | 140" |

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Filed in two five-drawer file cases 16"x27"x40". In addition 2700 have been typed but not reproduced and incorporated in the Personnel Card File. These 2700 cards are arranged numerically only.

5. Photostated material is collected in 8 file drawers, 12"x12"x27" and on 4 shelves 12"x12"x48".

6. Ozalid master transparencies, (from which the above cards were reproduced) arranged in numerical order, are filed in 5 file cases 4 1/2"x6 1/2"x15".

7. The files of the Laboratory bibliographic research unit in the Library of Congress consists of three basic 4X6 card files: a serial and monograph file, the former arranged alphabetically by serial name, and the monograph cards arranged alphabetically by author. A carbon copy of the master ozalid transparencies are arranged numerically and correlated to a master index number of microfilm reproduction maintained in the Columbus file. The total files of the LC unit consist of 11 4"x6"x24" file boxes.

8. The microfilm at the Laboratory is on about 308 35 mm. reels of assorted size.

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